



## Clean Water — Hazardous Waste Sites

The Hazardous Materials and Waste Management Division regulates hazardous waste sites throughout the state, including the treatment of contaminated groundwater and surface water. This fact sheet looks at the impact of Superfund sites and operating corrective action sites on the state's waterways and groundwater.

### Why is this important?

Colorado's hazardous waste sites run the gamut from decommissioned weapons plants to leaking landfills, oil refineries, manufacturing plants and more. Contaminants vary widely by site, and include solvents, hydrocarbons, pesticide residuals, chemical weapons byproducts and other dangerous chemicals that are ignitable, reactive, toxic or corrosive. Treatment by active water treatment plants, pump-and-treat groundwater systems and *in situ* groundwater systems removes contaminants from millions of gallons of water each year.

### Where are we?

Site	Location	Surface Water/Groundwater	Millions/Gallons/Year (2011)*
ASARCO Globeville Smelter	Denver	Groundwater	8
Beazer/Koppers	Denver	Groundwater	3
Broderick Wood Products	Adams County	Groundwater	2
CDOT Headquarters IRM	Denver	Groundwater	0.2
CDOT Headquarters ERD	Denver	Groundwater	0.5
Colorado Crystal Corp.	Loveland	Groundwater	3
Dieterich Standard	Boulder	Groundwater	7
Eagle Picher	Denver	Groundwater	2
Federal Highways Administration – Denver Federal Center	Lakewood	Groundwater	9
Florida Mall	Denver	Groundwater	0.3
Hewlett-Packard/Colorado Springs	Colorado Springs	Groundwater	16
Lockheed Martin	Jefferson County	Groundwater	29
Lowry Landfill	Arapahoe County	Groundwater	15
Microsemi	Broomfield	Groundwater	2
Power Engineering	Denver	Groundwater	1
Pueblo Chemical Depot GETI	Pueblo County	Groundwater	73

### ★ Colorado's 10 Winnable Battles ★

Clean Air   Clean Water   Infectious Disease Prevention   Injury Prevention  
Mental Health and Substance Abuse   Obesity   Oral Health   Safe Food   Tobacco   Unintended Pregnancy

Pueblo Chemical Depot ICAGRS	Pueblo County	Groundwater	209
Redfield	Denver	Groundwater	7
Rocky Flats	Jefferson County	Groundwater	3
Rocky Mountain Arsenal	Commerce City	Groundwater	750
Schlage Lock	El Paso County	Groundwater	996
Suncor Energy	Adams County	Groundwater & Surface Water	136
Syntex/Boulder	Boulder County	Groundwater	3
Syntex/Lyons Landfill	Boulder County	Groundwater	1
<b>Total</b>			<b>1476</b>

\*Contact the Hazardous Materials and Waste Management Division for additional information on sources of these numbers.

### Where do we want to be?

The ultimate goal of these efforts is to clean ground and surface waters to state standards so the number gallons treated is decreased or treated to a level where treatment no longer is necessary.

### What is being done?

The Colorado Department of Public Health and Environment continues to identify and monitor contaminated groundwater plumes and surface water bodies, establishing appropriate active treatment systems. Eventually, levels will reach standards, and if they don't, these systems can be replaced with sustainable in-situ treatment that will continue to reduce contamination until standards are met.

### High-risk groups

Private and public users of water for drinking, showering, recreation and other activities that expose people to contaminated water

### Underlying causes

Historic industrial practices, improper management of hazardous substances, and lack of regulations before 1976

## ★ Colorado's 10 Winnable Battles ★

Clean Air   Clean Water   Infectious Disease Prevention   Injury Prevention  
Mental Health and Substance Abuse   Obesity   Oral Health   Safe Food   Tobacco   Unintended Pregnancy